

**AMENDMENTS TO THE SPECIFICATION**

*Please revise the paragraph at page 1, lines 12-17, as follows:*

A Josephson tunnel junction device using a superconductor (SIS-JJ device) is a basic superconductive device and it has been applied as a high frequency device, an SFQ single-flux-quantum (SFQ) device (a switching device utilizing flux of line of magnetic force), a ~~SQUID~~ superconducting quantum interference device (SQUID) magnetic sensor device and others. Further enhancement of performance is expected if the Josephson tunnel junction device can be made of a high temperature superconductor.